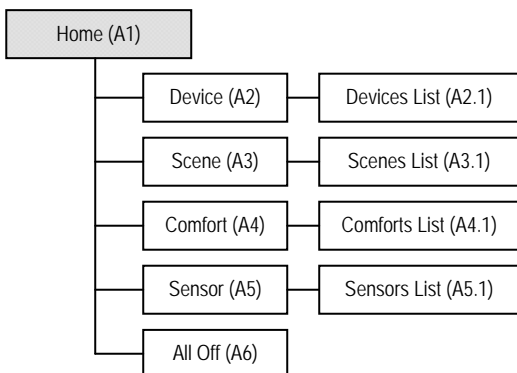# RC-100 Quick Setup Guide

The *RC-100* is a portable Z-Wave remote controller with multi-channel support. It can be configured as a primary or secondary controller within a Z-Wave home automation network. It works with almost every Z-Wave enabled devices, binary switches, dimmers, thermostats, secured door locks, binary or multi-level sensors. Users can control their Z-Wave enabled devices individually or through "Scene" control. Scene is a collection of Z-Wave devices configured to a user-preferred settings, levels, modes or operating conditions. The RC-100 also equipped with a backlit LCD screen and an intelligent Self Navigated Button (SNB) system. Users can setup and operate their Z-Wave devices through the LCD and the SNB system using their RC-100, and enjoy a networked, wireless home automation system anywhere at home.
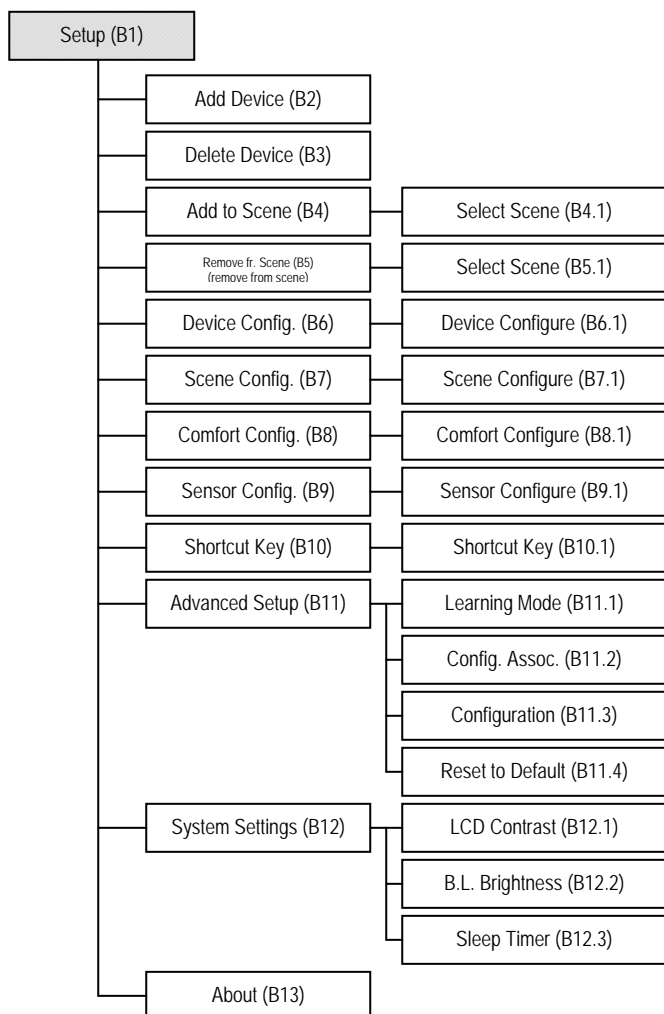
SPEAKS ⊘ WAVE®

RC-100 USER INTERFACE LAYOUT

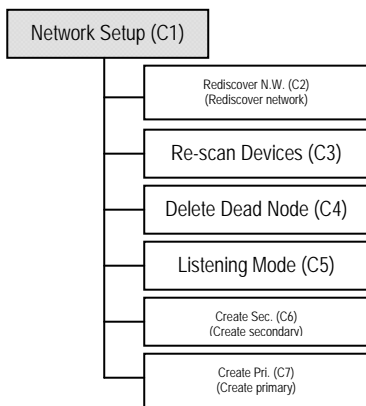| Control menu	▲ or ▼	• Press ▲ or ▼ keys to select control category. • Press BACK key to go back to previous page. • Press and hold BACK key for 2 seconds to go back to root menu.

```
Home (A1)
   ├── Device (A2) ──── Devices List (A2.1)
   ├── Scene (A3) ───── Scenes List (A3.1)
   ├── Comfort (A4) ─── Comforts List (A4.1)
   ├── Sensor (A5) ──── Sensors List (A5.1)
   └── All Off (A6)
```

Setup menu	◄ + ►	• Press and hold ◄ ► keys simultaneously for 3 seconds to enter Setup menu. • Press BACK key to go back to previous page. • Press and hold BACK key for 2 seconds to go back to root menu.

Setup (B1)

- Add Device (B2)
- Delete Device (B3)
- Add to Scene (B4) → Select Scene (B4.1)
- Remove fr. Scene (B5) (remove from scene) → Select Scene (B5.1)
- Device Config. (B6) → Device Configure (B6.1)
- Scene Config. (B7) → Scene Configure (B7.1)
- Comfort Config. (B8) → Comfort Configure (B8.1)
- Sensor Config. (B9) → Sensor Configure (B9.1)
- Shortcut Key (B10) → Shortcut Key (B10.1)
- Advanced Setup (B11)
  - Learning Mode (B11.1)
  - Config. Assoc. (B11.2)
  - Configuration (B11.3)
  - Reset to Default (B11.4)
- System Settings (B12)
  - LCD Contrast (B12.1)
  - B.L. Brightness (B12.2)
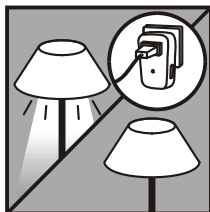 - Sleep Timer (B12.3)
- About (B13)

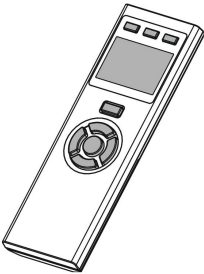| Network Setup menu	+	• Press and hold ▲ ▼ keys simultaneously for 3 seconds to enter Network Setup menu. • Press BACK key to go back to previous page. • Press and hold BACK key for 2 seconds to go back to root menu.

Network Setup (C1)

- Rediscover N.W. (C2)
  (Rediscover network)

- Re-scan Devices (C3)

- Delete Dead Node (C4)

- Listening Mode (C5)

- Create Sec. (C6)
  (Create secondary)

- Create Pri. (C7)
  (Create primary)

QUICK SETUP STEPS EXAMPLE

Step 1

Connect a Z-Wave device (for example, a light switch) to power supply.

Step 2
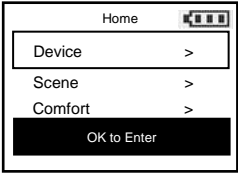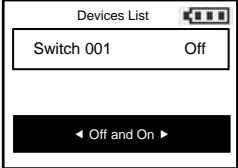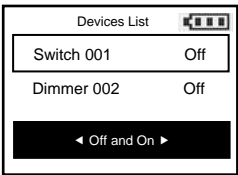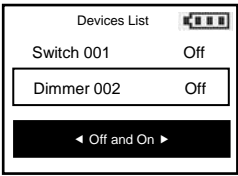
Step	Setup Key	LCD Indication
i)	Press and hold ◄ ► keys simultaneously for 3 seconds under the Home page.	Home Device >￼ Scene >￼ Comfort >￼ OK to Enter ⇓ Setup Add Device >￼ Delete Device >￼ Add to Scene >￼ OK to Enter
ii)	Select "Add Device".	Setup Add Device >￼ Delete Device >￼ Add to Scene >￼ OK to Enter
iii)	Press OK key to add the device into Z-Wave network.	Add Device Press PROG on target >>>>
iv)	Press the program button on the target device.	Add Device Press PROG on target >>>> Saving Data … ⇓ Add Device Press PROG on target >>>> OK

> ⚠️ *If you can't add your Z-Wave device, this device might have been included in another Z-Wave network. In this case, please delete this device following the steps in the [Deleting Device from the Network] section then add this device again.*

Step 3
After adding devices to your RC-100, you can turn the device using the corresponding Device Control function.

Step	Setup Key	LCD Indication
i)	Select "Device" and press OK key to confirm. A corresponding Device Control page will be displayed.	**Home** 🔋 Device > Scene > Comfort > OK to Enter ⇓ **Devices List** 🔋 Switch 001 Off ◄ Off and On ►
ii)	For on/off switches, press ► key to turn on the device and ◄ key to turn off the device.	**Devices List** 🔋 Switch 001 Off Dimmer 002 Off ◄ Off and On ►
iii)	To operate dimmer and motorized curtain: Press and hold the ► key until reach to your desired level and release the key to open the curtain or to increase the dimmer intensity. Press and hold the ◄ key until reach to your desired level and release the key to retract the curtain or to reduce the dimmer intensity.	**Devices List** 🔋 Switch 001 Off Dimmer 002 Off ◄ Off and On ►

Note 1: The screen will display LOCK /UNLK if this is a secured door lock device.

❺

FREQUENTLY ASKED QUESTIONS

Q If my Z-Wave devices had already added into my Z-Wave gateway (primary controller) network, what should I do for my RC-100? How to copy my scenes settings to my RC-100?

A   Your RC-100 can act as a <u>secondary controller</u> with network information about other devices and scenes setting acquired from your gateway (primary controller).

Please refer to user manual with below steps:
   i)   RC-100 should enter the "<u>Learning Mode</u>" [step of B11.1] (Replicating All Network and Device Information from a Primary Controller to your RC-100), for details please refer to RC-100 user manual.
   ii) Gateway should enter the "Inclusion Mode" to add the RC-100 into the network and replicating all network and device information from a primary controller to your RC-100, please refer to gateway user manual.
   iii) Now, RC-100 will act as a secondary controller. All scenes and device node information will transfer from gateway to RC-100, you can On/Off the scene through RC-100 [step of A3.1].
   iv) Your RC-100 will acquire scene configuration and node information only. That means you have scene copied from gateway but you need to include individual Z-Wave device by RC-100 if you want to use RC-100 to control them individually.

Q Can I include all Z-Wave devices from the network by RC-100 and no need to click the PROG button for each device?

A   Yes! RC-100 provides a useful function which is "Re-scan Devices" that allows rediscovering all Z-Wave devices from the network.

Please refer to user manual with below steps:
   i)   Assume all Z-Wave devices have been added by gateway.
   ii) RC-100 should act as a s<u>econdary controller</u> [step of B11.1].
   iii) Execute the "Re-scan Devices" function [step of C3].

   RC-100 will rediscover Z-Wave devices from the network, discovered devices will be re-assigned to their default categories (Devices, Comforts and Sensors), and <u>names will be re-assigned with default naming in ascending order</u>.

   ⚠ *- This action may take up to 0.5-1 hour depends on how many devices are in your network, and it will wipe out all previously stored device names!*
   - Please make sure batteries are full before proceed!

   iv) Now, all Z-Wave devices will appear on the Device, Comfort and Sensor categories. You can rename your device individually if needed.